

Inventor Name Search Result

Your Search was:

Last Name = UHLIR-TSANG

First Name = LINDA

Application#	Patent#	Status	Date Filed	Title	Inventor Name 20
60613787	Not Issued	020	09/27/2004	VERSATILE WATER-SOLUBLE DYE-BASED INK-JET INKS	UHLIR-TSANG, LINDA C.
60610922	Not Issued	019	09/17/2004	DYE-BASED INK	UHLIR-TSANG, LINDA C.
60609402	Not Issued	020	09/13/2004	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	UHLIR-TSANG, LINDA C.
11109899	Not Issued	020	04/19/2005	INK-JET INKS CONTAINING SULFONATED AROMATIC COMPOUNDS FOR REDUCING OZONE FADE	UHLIR-TSANG, LINDA C.
11080209	Not Issued	020	03/14/2005	AMINE- AND PHTHALOCYANINE DYE-CONTAINING INK-JET INKS WITH IMPROVED OZONE FASTNESS	UHLIR-TSANG, LINDA C.
11076199	Not Issued	020	03/09/2005	DYE SETS FOR INK-JET INK IMAGING	UHLIR-TSANG, LINDA C.
11076167	Not Issued	020	03/09/2005	INK SETS FOR INK-JET INK IMAGING	UHLIR-TSANG, LINDA C.
11071479	Not Issued	020	03/03/2005	DYE-BASED INK	UHLIR-TSANG, LINDA C.
11058697	Not Issued	020	02/14/2005	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	UHLIR-TSANG, LINDA C.
11055907	Not Issued	020	02/11/2005	VERSATILE WATER-SOLUBLE DYE-BASED INK-JET INKS	UHLIR-TSANG, LINDA C.
10892623	Not Issued	030	07/16/2004	METALLIZED DYE-BASED INK-JET INKS WITH IMPROVED OZONE FASTNESS	UHLIR-TSANG, LINDA C.
10870844	Not Issued	030	06/16/2004	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS	UHLIR-TSANG, LINDA C.
10774917	Not Issued	030	02/06/2004	WEAK BASE MODIFICATION OF POROUS INK-JET MEDIA COATING FOR ENHANCED IMAGE QUALITY	UHLIR-TSANG, LINDA C.
10628903	Not Issued	030	07/28/2003	ADDITIVES TO ELIMINATE BRONZING OF INKJET INK FORMULATIONS ON SPECIALTY QUICK-DRY INKJET PHOTOGRAPHIC MEDIA	UHLIR-TSANG, LINDA C.
10400131	Not	071	03/25/2003	SOLVENT SYSTEMS FOR INK-JET	UHLIR-TSANG, LINDA

	Issued			INKS	C.
<u>10254993</u>	<u>6814789</u>	150	09/24/2002	USE OF ADDITIVES TO REDUCE PUDDLING IN INKJET INKS	UHLIR-TSANG, LINDA C.
<u>10254315</u>	<u>6852153</u>	150	09/24/2002	NONIONIC ADDITIVES TO CONTROL PUDDLING IN INKJET INKS	UHLIR-TSANG, LINDA C.
<u>10208991</u>	Not Issued	161	07/30/2002	USE OF SURFACTANT AND SOLVENT COMBINATIONS WHICH IMPROVE IMAGE PRINT QUALITY IN INKJET INKS	UHLIR-TSANG, LINDA C.
<u>09795331</u>	<u>6669317</u>	150	02/27/2001	PRECURSOR ELECTRICAL PULSES TO IMPROVE INKJET DECEL	UHLIR-TSANG, LINDA C.

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = MOFFATT

First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 50
60632376	Not Issued	020	12/01/2004	NOVEL MUTATION INVOLVED IN INCREASED TOLERANCE TO IMIDAZOLINONE HERBICIDES IN PLANTS	MOFFATT, JOHN M.
60609402	Not Issued	020	09/13/2004	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	MOFFATT, JOHN R.
60140961	Not Issued	159	06/23/1999	PCS WIRELESS ACCESS NETWORK REL.1X	MOFFATT, JOHN
11109899	Not Issued	020	04/19/2005	INK-JET INKS CONTAINING SULFONATED AROMATIC COMPOUNDS FOR REDUCING OZONE FADE	MOFFATT, JOHN R.
11080209	Not Issued	020	03/14/2005	AMINE- AND PHTHALOCYANINE DYE-CONTAINING INK-JET INKS WITH IMPROVED OZONE FASTNESS	MOFFATT, JOHN R.
11071479	Not Issued	020	03/03/2005	DYE-BASED INK	MOFFATT, JOHN R.
11058697	Not Issued	020	02/14/2005	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	MOFFATT, JOHN R.
10892623	Not Issued	030	07/16/2004	METALLIZED DYE-BASED INK-JET INKS WITH IMPROVED OZONE FASTNESS	MOFFATT, JOHN R.
10870844	Not Issued	030	06/16/2004	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS	MOFFATT, JOHN R.
10854889	Not Issued	030	05/27/2004	EMISSION OF FLUID DROPLET FROM PRINthead WITH COHERENT IRRADIATION	MOFFATT, JOHN R.
10848440	Not Issued	030	05/18/2004	PIGMENTS STABILIZED TO ACID CHALLENGE	MOFFATT, JOHN R.
10824687	Not Issued	020	04/14/2004	POLYMERIC ADDITIVES TO IMPROVE PRINT QUALITY AND PERMANENCE ATTRIBUTES IN INK-JET INKS	MOFFATT, JOHN R.
10774920	Not Issued	030	02/06/2004	SULFUR-CONTAINING INORGANIC MEDIA COATINGS FOR INK-JET APPLICATIONS	MOFFATT, JOHN R.
10672486	Not	071	09/25/2003	PROTECTION OF PRINTED IMAGES	MOFFATT, JOHN R.

	Issued			FROM GASFADE	
<u>10628903</u>	Not Issued	030	07/28/2003	ADDITIVES TO ELIMINATE BRONZING OF INKJET INK FORMULATIONS ON SPECIALTY QUICK-DRY INKJET PHOTOGRAPHIC MEDIA	MOFFATT, JOHN R.
<u>10618217</u>	Not Issued	094	07/11/2003	PROJECTOR AND METHOD	MOFFATT, JOHN MARTIN
<u>10464224</u>	Not Issued	020	06/18/2003	SYSTEM AND METHOD FOR IDENTIFYING ATTRIBUTES OF A PRINTED IMAGE	MOFFATT, JOHN
<u>10422126</u>	Not Issued	030	04/23/2003	SOURCE DOCUMENT GUIDE APPARATUS AND METHOD	MOFFATT, JOHN
<u>10370016</u>	Not Issued	030	02/20/2003	SYSTEMS AND METHODS FOR REMOTE TESTING OF PRINTING DEVICES	MOFFATT, JOHN
<u>10300100</u>	Not Issued	161	11/20/2002	COMBINATION SCANNER/PROJECTOR	MOFFATT, JOHN
<u>10281672</u>	Not Issued	030	10/28/2002	SYSTEMS AND METHODS FOR IMPROVED OPERATION AND TROUBLESHOOTING OF A PRINTING DEVICE	MOFFATT, JOHN
<u>10254993</u>	<u>6814789</u>	150	09/24/2002	USE OF ADDITIVES TO REDUCE PUDDLING IN INKJET INKS	MOFFATT, JOHN R.
<u>10254315</u>	<u>6852153</u>	150	09/24/2002	NONIONIC ADDITIVES TO CONTROL PUDDLING IN INKJET INKS	MOFFATT, JOHN R.
<u>10244127</u>	<u>6767640</u>	150	09/13/2002	ANTI-OZONANTS COVALENTLY ATTACHED TO SILICA GEL FOR USE IN GLOSSY PRINT MEDIA	MOFFATT, JOHN R.
<u>10208996</u>	Not Issued	092	07/30/2002	USE OF CATIONIC SURFACTANT TO IMPROVE PRINT QUALITY OF DYEBASED INKJET INKS	MOFFATT, JOHN R.
<u>10208991</u>	Not Issued	161	07/30/2002	USE OF SURFACTANT AND SOLVENT COMBINATIONS WHICH IMPROVE IMAGE PRINT QUALITY IN INKJET INKS	MOFFATT, JOHN R.
<u>10150431</u>	Not Issued	030	05/17/2002	PROGRAMMABLE PRINTER FUNCTION KEYS	MOFFATT, JOHN
<u>10056556</u>	<u>6786957</u>	150	01/22/2002	AQUEOUS INK-JET INKS FOR PRINTING ON COMMERCIAL OFFSET COATED MEDIA	MOFFATT, JOHN R.
<u>09851659</u>	<u>6602335</u>	150	05/08/2001	PIGMENT SOLUBILIZATION VIA TREATMENT WITH STRONG BASE AND SUBSTITUTION	MOFFATT, JOHN R.
<u>09798704</u>	<u>6478418</u>	150	03/02/2001	INKJET INK HAVING IMPROVED DIRECTIONALITY BY CONTROLLING SURFACE TENSION AND WETTING PROPERTIES	MOFFATT, JOHN R.
<u>09761451</u>	Not Issued	161	01/16/2001	POLYMERIC ADDITIVES TO IMPROVE PRINT QUALITY AND PERMANENCE ATTRIBUTES IN INK-	MOFFATT, JOHN R.

				JET INKS	
<u>09702145</u>	<u>6468340</u>	150	10/30/2000	LAKED DYE SOLUBILIZATION WITH COMPLEXING AGENT	MOFFATT, JOHN R.
<u>09687848</u>	<u>6450632</u>	150	10/12/2000	UNDERPRINTING FLUID COMPOSITIONS TO IMPROVE INKJET PRINTER IMAGE COLOR AND STABILITY	MOFFATT, JOHN R.
<u>09190376</u>	<u>6034153</u>	150	11/10/1998	MEDIATION OF WATERFASTNESS IN INK-JET INK COMPOSITIONS BY USING PARTIAL CHEMICALLY-TREATED MACROMOLECULAR CHROMOPHORES (MMCS)	MOFFATT, JOHN R.
<u>09175892</u>	<u>6221932</u>	150	10/20/1998	COVALENT ATTACHMENT OF POLYMERS ONTO MACROMOLECULAR CHROMOPHORES BY NUCLEOPHILIC SUBSTITUTION REACTION FOR INKJET PRINTING	MOFFATT, JOHN R.
<u>09127539</u>	<u>6150433</u>	150	07/31/1998	INK-JET INK COMPOSITIONS CONTAINING MODIFIED MACROMOLECULAR CHROMOPHORES WITH COVALENTLY ATTACHED POLYMERS	MOFFATT, JOHN R.
<u>08961609</u>	<u>5919293</u>	150	10/31/1997	USE OF PERFLUORINATED COMPOUNDS AS A VEHICLE COMPONENT IN INK-JET INKS	MOFFATT, JOHN R.
<u>08960706</u>	<u>5985016</u>	150	10/30/1997	PURIFICATION OF MACROMOLECULAR CHROMOPHORES (MMCS) USING MEMBRANE PROCESSES FOR INK-JET INKS	MOFFATT, JOHN R.
<u>08958948</u>	<u>5891232</u>	150	10/28/1997	SMEARFASTNESS AND FAST DRYING TIMES IN INKS CONTAINING MACROMOLECULAR CHROMOPHORES	MOFFATT, JOHN R.
<u>08160703</u>	<u>5356464</u>	150	12/01/1993	AQUEOUS INK COMPOSITIONS CONTAINING ANTI-CURL AGENTS	MOFFATT, JOHN R.
<u>07877521</u>	Not Issued	161	05/01/1992	AUTOMATIC VOLUME CONTROL SYSTEM	MOFFATT, JOHN K.
<u>07853471</u>	<u>5226957</u>	150	03/17/1992	SOLUBILIZATION OF WATER-INSOLUBLE DYES VIA MICROEMULSIONS FOR BLEEDLESS, NON-THREADING, HIGH PRINT QUALITY INKS FOR THERMAL INK-JET PRINTERS	MOFFATT, JOHN R.
<u>07751369</u>	<u>5106416</u>	150	08/28/1991	BLEED ALLEVIATION USING ZWITTERLONIC SURFACTANTS AND CATIONIC DYES	MOFFATT, JOHN R.
<u>07509253</u>	<u>5061316</u>	150	04/12/1990	PH-INSENSITIVE ANTI-KOGATING AGENT FOR INK-JET PENS	MOFFATT, JOHN R.
<u>07335924</u>	Not	161	04/10/1989	RENIN INHIBITORS	MOFFATT, JOHN G.

	Issued				
<u>06628678</u>	<u>4859765</u>	150	07/06/1984	SYNTHETIC PEPTIDE SEQUENCES USEFUL IN BIOLOGICAL AND PHARMACEUTICAL APPLICATIONS AND METHODS OF MANUFACTURE	MOFFATT, JOHN G.
<u>06542633</u>	<u>4493795</u>	150	10/17/1983	SYNTHETIC PEPTIDE SEQUENCES USEFUL IN BIOLOGICAL AND PHARMACEUTICAL APPLICATIONS AND METHODS OF MANUFACTURE	MOFFATT, JOHN G.
<u>06542632</u>	<u>4473555</u>	250	10/17/1983	NONA-AND DODECAPEPTIDES FOR AUGMENTING NATURAL KILLER CELL ACTIVITY	MOFFATT, JOHN G.
<u>06138391</u>	Not Issued	161	04/08/1980	NOVEL IMMUNOLOGICAL ADJUVANT COMPOUNDS AND METHODS OF PREPARATION THEREOF	MOFFATT, JOHN G.

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Inventor Name Search Result

Your Search was:

Last Name = MOFFATT

First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 20
<u>09298626</u>	<u>6323257</u>	150	04/23/1999	INK-JET INK COMPOSITIONS CONTAINING REACTIVE MACROMOLECULAR CHROMOPHORES FOR DIGITAL AND TEXTILE PRINTING	MOFFATT, JOHN R.
<u>09251947</u>	<u>6177485</u>	150	02/17/1999	POLYMERS DERIVED FROM UNSATURATED SURFACTANTS FOR USE IN INK-JET INKS	MOFFATT, JOHN R.
<u>09063638</u>	<u>5935309</u>	150	04/20/1998	INK-JET INKS FOR IMPROVED PRINT QUALITY	MOFFATT, JOHN R.
<u>08955477</u>	<u>5891934</u>	150	10/22/1997	WATERFAST MACROMOLECULAR CHROMOPHORES USING AMPHIPHILES	MOFFATT, JOHN ROBERT
<u>08742789</u>	<u>5830265</u>	150	10/31/1996	COUNTERION SUBSTITUTION IN MACROMOLECULAR CHROMOPHORE (MMC) FOR INK-JET PRINTING INCLUDING TEXTILE, LARGE FORMAT AND OFFICE FORMAT PRINTERS	MOFFATT, JOHN R.
<u>08742137</u>	<u>5785745</u>	150	10/31/1996	AMPHIPHILIC DYES	MOFFATT, JOHN R.
<u>08742097</u>	<u>5749952</u>	150	10/31/1996	PREPARATION OF MICROEMULSION AND MICELLAR COLOR INKS FROM MODIFIED WATER-SOLUBLE COLOR CHROMOPHORES FOR THERMAL INK-JET PRINTING	MOFFATT, JOHN R.
<u>08595555</u>	<u>6086198</u>	150	02/01/1996	BLEED ALLEVIATION BETWEEN TWO INKS	MOFFATT, JOHN R.
<u>08318581</u>	<u>5476540</u>	150	10/05/1994	GEL-FORMING INKS FOR USE IN THE ALLEVIATION OF BLEED	MOFFATT, JOHN R.
<u>08300495</u>	<u>5531817</u>	150	09/01/1994	USE OF HIGH VISCOSITY, MELTABLE GEL INKS FOR CONTROLLING BLEED	MOFFATT, JOHN R.
<u>08233796</u>	<u>5401303</u>	150	04/26/1994	AQUEOUS INKS HAVING IMPROVED HALO CHARACTERISTICS	MOFFATT, JOHN R.
<u>07872705</u>	Not Issued	161	04/16/1992	THERMAL INK-JET INKS WHICH REDUCE PAPER CURL	MOFFATT, JOHN R.
<u>07872204</u>	<u>5207824</u>	150	04/16/1992	FORMULATION FOR CONTROL OF PAPER COCKLE IN THERMAL INK-JET PRINTING	MOFFATT, JOHN R.

07737941	5108504	150	07/29/1991	HIGH CHROMA COLOR DYE-SET FOR USE IN INK-JET INKS EMPLOYING POLYSACCHARIDE-CONTAINING VEHICLES	MOFFATT, JOHN R.
07737101	5133803	150	07/29/1991	HIGH MOLECULAR WEIGHT COLLOIDS WHICH CONTROL BLEED	MOFFATT, JOHN R.
07724649	5108501	150	07/02/1991	BILE SALTS WHICH CONTROL KOGATION IN THERMAL INK-JET INKS	MOFFATT, JOHN R.
07702437	5108505	150	05/16/1991	WATERFAST INKS VIA CYCLODEXTRIN INCLUSION COMPLEX	MOFFATT, JOHN R.
07686731	5116409	150	04/17/1991	BLEED ALLEVIATION IN INK-JET INKS	MOFFATT, JOHN R.
07523969	Not Issued	166	05/16/1990	WATERFAST INKS VIA CYCLODEXTRIN INCLUSION COMPLEX	MOFFATT, JOHN R.

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Inventor Name Search Result

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Last Name = AUSTIN

First Name = MARY

Application#	Patent#	Status	Date Filed	Title	Inventor Name 15
60609402	Not Issued	020	09/13/2004	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	AUSTIN, MARY E.
11076167	Not Issued	020	03/09/2005	INK SETS FOR INK-JET INK IMAGING	AUSTIN, MARY E.
11058697	Not Issued	020	02/14/2005	ADDITIVES TO ELIMINATE BRONZING OF INK-JET INKS PRINTED ON PHOTO MEDIA	AUSTIN, MARY E.
10891574	Not Issued	030	07/14/2004	PIGMENTED INK-JET INKS WITH IMPROVED PRINT QUALITY AND RELIABILITY	AUSTIN, MARY E.
10807025	Not Issued	020	03/22/2004	PIGMENTED INK-JET INKS WITH IMPROVED PRINT QUALITY AND RELIABILITY	AUSTIN, MARY E.
10628903	Not Issued	030	07/28/2003	ADDITIVES TO ELIMINATE BRONZING OF INKJET INK FORMULATIONS ON SPECIALTY QUICK-DRY INKJET PHOTOGRAPHIC MEDIA	AUSTIN, MARY E.
10254993	6814789	150	09/24/2002	USE OF ADDITIVES TO REDUCE PUDDLING IN INKJET INKS	AUSTIN, MARY E.
09848810	6540821	150	05/04/2001	INKJET COLOR INK SET	AUSTIN, MARY E.
09304011	6053969	150	04/30/1999	DYE SET FOR IMPROVED COLOR QUALITY FOR INK-JET PRINTERS	AUSTIN, MARY E.
09276219	RE36926	150	03/25/1999	WELDING CONTROL USING FUZZY LOGIC ANALYSIS OF VIDEO IMAGED PUDDLE DIMENSIONS	AUSTIN, MARY A.
08811075	5788754	150	03/03/1997	INK-JET INKS FOR IMPROVED IMAGE QUALITY	AUSTIN, MARY E.
08810568	5858075	150	03/03/1997	DYE SET FOR IMPROVED INK-JET IMAGE QUALITY	AUSTIN, MARY E.
08332633	5614116	150	10/31/1994	WELDING CONTROL USING FUZZY LOGIC ANALYSIS OF VIDEO IMAGED PUDDLE DIMENSIONS	AUSTIN, MARY A.
07312231	D318746	150	02/17/1989	TOOTHPICK DISPENSER	AUSTIN, MARY E.

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L2	2	((("5576088") or ("4163675")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/20 11:22
L3	454	106/31.27.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L4	98	106/31.26.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L5	822	106/31.43.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L6	661	106/31.75.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L7	982	106/31.58.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L8	857	106/31.86.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L9	293	106/31.47.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:22
L10	271	106/31.77.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:23
L11	29	428/32.15.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:23
L12	245	428/32.34.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/20 11:23
L13	1	ink and ph and pka and (bronzing or bronze)	DERWENT	OR	ON	2005/06/20 11:23



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Dissociation Constants Of Organic Acids And Bases

C11H8O2, 1-Naphthoic acid, 25, 3.70. C11H8O2, 2-Naphthoic acid, 25, 4.17. C11H11N, Methyl-1-naphthylamine, 27, 3.67. C11H12N2O2, Tryptophan, 1, 25, 2.46 ...
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pKa, logP and logD Predictions
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Acidities (**pKa**) and 1-octanol/water distribution coefficients (logP) of ... model compound, naphthoic acid, was used to perform catalytic tests and a serial ...
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-naphthoic acid. panawan. การเรียงตัวของ dicarboxylic acid ... Stronger acid. **pKa**. **pKa**.
ClCH2CH2CH2COOH 4.52. CH3CH(Cl)CH2COOH 4.05 ...
chemsci.kku.ac.th/panawan/slide/webacid47.pps - Jun 18, 2005 - [Similar pages](#)

Group of Solution Equilibria and Chemometrics University of ...

Protonation equilibria of 3-hydroxy-2-naphthoic acid in dioxane-water solution: effect of the solvent composition and of the ionic strength of the medium. ...
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Dissolution kinetics of carboxylic acids II: effect of buffers.

The dissolution behavior of 2-naphthoic acid from rotating compressed disks into ... Using intrinsic solubilities, **pKa** values, and diffusion coefficients, ...
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db=PubMed&list_uids=7229926&dopt=Abstract - [Similar pages](#)

Dissolution kinetics of carboxylic acids I: effect of pH under ...

The dissolution behavior of benzoic acid, 2-naphthoic acid, ... Using previously determined intrinsic solubilities, **pKa** values, and diffusion coefficients, ...
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EP1014200 Fuji european software patent - Method of developing ...

Of these reducing agents, the sulfurous acid salts are especially superior in ... acid, 2-hydroxy-1-naphthoic acid, 1-naphthoic acid, and 2-naphthoic acid. ...
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[PDF] Effect of OH- Concentration on Alkaline Hydrolysis of Diphenyl (4 ...

File Format: PDF/Adobe Acrobat

It was found that 3-iodoso-2-naphthoic acid is better catalyst ... Then **pKa** value was determined by graphical derivation of the pH vs NaOH ...
cccc.uochb.cas.cz/Pdf/59/No05/19941137.pdf - [Similar pages](#)

Patent 4356109: Method for preparing microcapsules

(2) Organic Acids (having a **pKa**.ltoreq.5) For example, formic acid, acetic acid, propionic acid, acrylic acid, benzoic acid, naphthoic acid, oxalic acid, ...
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naphthoic acid pka

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Dissociation Constants Of Organic Acids And Bases

This table lists the acid-base dissociation constants of over 600 organic compounds, including many amino acids. All data apply to dilute aqueous solutions and are presented in the form of pK_a , which is the negative of the logarithm of the acid dissociation constant K_a .

Molecular formula	Name	Step	$T_I^{\circ}C$	pK_a
CH ₂ O ₂	Formic acid		20	3.75
CH ₄ N ₂ O	Urea		21	0.10
CH ₅ N	Methylamine		25	10.63
C ₂ HCl ₃ O ₂	Trichloroacetic acid		25	0.70
C ₂ H ₂ Cl ₂ O ₂	Dichloroacetic acid		25	1.48
C ₂ H ₂ O ₃	Glyoxylic		25	3.18
C ₂ H ₂ O ₄	Oxalic acid	1	25	1.23
		2	25	4.19
C ₂ H ₃ BrO ₂	Bromoacetic acid		25	2.69
C ₂ H ₃ ClO ₂	Chloroacetic acid		25	2.85
C ₂ H ₃ IO ₂	Iodoacetic acid		25	3.12
C ₂ H ₄ OS	Thioacetic acid		25	3.33
C ₂ H ₄ O ₂	Acetic acid		25	4.76
C ₂ H ₄ O ₃	Glycolic acid		25	3.83
C ₂ H ₅ N	Ethyleneimine		25	8.01
C ₂ H ₅ NO	Acetamide		25	0.63
C ₂ H ₅ NO ₂	Glycine	1	25	2.35
		2	25	9.78
C ₂ H ₆ O ₂	Ethylene glycol		25	14.22
C ₂ H ₇ AsO ₂	Cacodylic acid	1	25	1.57
		2	25	6.27
C ₂ H ₇ N	Dimethylamine		25	10.68
C ₂ H ₇ N	Ethylamine		25	10.70
C ₂ H ₇ NO	Ethanolamine		25	9.50
C ₂ H ₇ NO ₃ S	Taurine	1	25	1.5
		2	25	9.061
C ₂ H ₇ NS	Cysteamine	1	25	8.35
		2	25	10.81
C ₂ H ₈ N ₂	1,2-Ethanediamine	1	0	10.712
		2	0	7.564
C ₃ H ₃ NO ₂	Cyanoacetic acid		25	2.45
C ₃ H ₃ NS	Thiazole		20	2.44
C ₃ H ₄ N ₂	1H-Imidazole		25	6.953
C ₃ H ₄ N ₂ S	2-Thiazolamine		20	5.36
C ₃ H ₄ O ₂	Acrylic acid		25	4.25

C3H4O3	Pyruvic acid		25	2.39
C3H4O4	Malonic acid	1	25	2.83
		2	25	5.69
C3H5ClO2	2-Chloropropanoic acid		25	2.83
C3H5ClO2	3-Chloropropanoic acid		25	3.98
C3H6N6	Melamine		25	5.00
C3H6O2	Propanoic acid		25	4.86
C3H6O3	3-Hydroxypropanoic acid		25	4.51
C3H6O3	Lactic acid		100	3.08
C3H6O4	Glyceric acid		25	3.52
C3H7N	Azetidine		25	11.29
C3H7NO2	L-Alanine	1	25	2.34
		2	25	9.87
C3H7NO2	β -Alanine	1	25	3.55
		2	25	10.24
C3H7NO2	Methylglycine	1	25	2.21
		2	25	10.12
C3H7NO2S	Cysteine	1	25	1.92
		2	25	8.37
		3	25	10.70
C3H7NO3	Serine	1	25	2.19
		2	25	9.21
C3H7NO5S	L-Cysteic acid	1	25	1.3
		2	25	1.9
		3	25	8.70
C3H7N3O2	Glycocyamine		25	2.82
C3H8O3	Glycerol		25	14.15
C3H9N	Propylamine		20	10.60
C3H9N	Trimethylamine		25	9.80
C3H9NO	1-Amino-2-methoxyethane		10	9.89
C3H9NO	Trimethylamine oxide		25	4.65
C3H10N2	1,2-Propanediamine	1	25	9.82
		2	25	6.61
C3H10N2	1,3-Propanediamine	1	10	10.94
		2	10	9.03
C3H11N3	1,2,3-Triaminopropane	1	20	9.59
		2	20	7.95
C4H4N2	Pyrazine		27	0.65
C4H4N2	Pyridazine		20	2.24
C4H4N2O3	Barbituric acid		25	4.01
C4H4N2O5	Alloxanic acid		25	6.64
C4H4N4O2	5-Nitropyrimidinamine		20	0.35
C4H4O4	<i>trans</i> -Fumaric acid	1	18	3.03
		2	18	4.44
C4H4O4	Maleic acid	1	25	1.83
		2	25	6.07

C4H4O5	Oxaloacetic acid	1	25	2.22
		2	25	3.89
		3	25	13.03
C4H5N3	2-Pyrimidinamine		20	3.45
C4H6N2	1-Methylimidazol		25	6.95
C4H6N4O3	Allantoin		25	8.96
C4H6O2	3-Butenoic acid		25	4.34
C4H6O2	<i>trans</i> -Crotonic acid		25	4.69
C4H6O3	Acetoacetic acid		18	3.58
C4H6O3	2-Oxobutanoic acid		25	2.50
C4H6O4	Methymalonic acid	1	25	3.07
		2	25	5.76
C4H6O4	Succinic acid	1	25	4.16
		2	25	5.61
C4H6O5	Malic acid	1	25	3.40
		2	25	5.11
C4H6O6	α -Tartaric acid	1	25	2.98
		2	25	4.34
C4H6O6	<i>meso</i> -Tartaric acid	1	25	3.22
		2	25	4.82
C4H6O8	Dihydroxytartaric acid		25	1.92
C4H7ClO2	2-Chlorobutanoic acid		RT	2.86
C4H7ClO2	3-Chlorobutanoic acid		RT	4.05
C4H7ClO2	4-Chlorobutanoic acid		RT	4.52
C4H7NO2	4-Cyanobutanoic acid		25	2.42
C4H7NO3	<i>N</i> -Acetylglycine		25	3.669
C4H7NO4	Aspartic acid	1	25	1.99
		2	25	3.90
		3	25	9.90
C4H7N3O	Creatinine	1	25	4.83
		2		9.2
C4H8N2O3	Asparagine	1	20	2.17
		2	20	8.80
C4H8N2O3	<i>N</i> -Glycylglycine		25	3.139
C4H8O2	Butanoic acid		25	4.83
C4H8O2	2-Methylpropanoic acid		25	4.88
C4H8O3	3-Hydroxybutanoic acid		25	4.70
C4H8O3	4-Hydroxybutanoic acid		25	4.72
C4H9N	Pyrrolidine		25	11.27
C4H9NO	Morpholine		25	8.33
C4H9NO2	2-Aminobutanoic acid	1	25	2.29
		2	25	9.83
C4H9NO2	4-Aminobutanoic acid	1	25	4.031
		2	25	10.556
C4H9NO2	<i>N,N</i> -Dimethylglycine		25	9.89
C4H9NO2	2-Methylalanine	1	25	2.36

		2	25	10.21
C4H9NO2S	Homocysteine	1	25	2.22
		2	25	8.87
		3	25	10.86
C4H9NO3	Homoserine	1	25	2.71
		2	25	9.62
C4H9NO3	<i>DL</i> -Methoxyalanine		25	2.037
C4H9NO3	Threonine	1	25	2.09
		2	25	9.10
C4H9N3O2	Creatine	1	25	2.63
		2	25	14.3
C4H10N2	Piperazine	1	23	9.83
		2	23	5.56
C4H10N2O2	2,4-Diaminobutanoic acid	1	25	1.85
		2	25	8.24
		3	25	10.44
C4H11N	Butylamine		20	10.77
C4H11N	<i>sec</i> -Butylamine		25	10.56
C4H11N	<i>tert</i> -Butylamine		25	10.68
C4H11N	Diethylamine		40	11.02
C4H12N2	1,4-Butanediamine	1	20	10.80
		2	20	9.35
C4H12O2	1,2-Dimethylaminoethane	1	25	10.40
		2	25	8.26
C5H4BrN	3-Bromopyridine		25	2.84
C5H4ClN	3-Chloropyridine		25	2.84
C5H4N4	Purine	1	20	2.30
		2	20	8.96
C5H4N4O3	Uric acid		12	3.89
C5H5N	Pyridine		25	5.25
C5H5NO	4-Pyridinol	1	20	3.20
		2	20	11.12
C5H5NO	2(1H)-Pyridinone	1	20	0.75
		2	20	11.65
C5H5N5	1H-Purin-6-amine	1	25	4.12
		2	25	9.83
C5H6N2	2-Methylpyrazine		27	1.45
C5H6N2	2-Pyridinamine		20	6.82
C5H6N2	4-Pyridinamine		25	9.114
C5H6O4	1,1-Cyclopropanedicarboxylic acid	1	25	1.82
		2	25	7.43
C5H6O4	Itaconic acid	1	25	3.85
		2	25	5.45
C5H6O4	Mesaconic acid	1	25	3.09
		2	25	4.75
C5H6O5	2-Oxoglutaric acid	1	25	2.47

		2	25	4.68
C5H7NO3	L-2-Pyrrolidone-5-carboxylic acid		25	3.32
C5H7N3	Methylaminopyrazine		25	3.39
C5H7N3	2,5-Pyridinediamine		20	6.48
C5H8N2	2,4-Dimethylimidazzol		25	8.36
C5H8O4	Dimethylmalonic acid		25	3.15
C5H8O4	Glutaric acid	1	25	4.31
		2	25	5.41
C5H8O4	Methylsuccinic acid	1	25	4.13
		2	25	5.64
C5H9NO2	Proline	1	25	1.952
		2	25	10.64
C5H9NO3	5-Aminolevulinic acid	1	25	4.05
		2	25	8.90
C5H9NO3	<i>trans</i> -4-Hydroxyroline	1	25	1.818
		2	25	9.662
C5H9NO3	8-Hydroxypurine	1	20	2.56
		2	20	8.26
C5H9NO4	L-Glutamic acid	1	25	2.13
		2	25	4.31
C5H9N3	Histamine	1	25	6.04
		2	25	9.75
C5H10N2O2	Diaminopimelic acid	1	25	1.8
		2	25	2.2
		3	25	8.8
		4	25	9.9
C5H10N2O3	L-Glutamine	1	25	2.17
		2	25	9.13
C5H10N2O3	Glycylalanine		25	3.15
C5H10N2O4	Glycylserine	1	25	2.98
		2	25	8.38
C5H10O2	2-Methylbutanoic acid		25	4.80
C5H10O2	3-Methylbutanoic acid		25	4.77
C5H10O2	Pentanoic acid		25	4.84
C5H10O2	Trimethylacetic acid		25	5.03
C5H11N	<i>N</i> -Methylpyrrolidine		25	10.32
C5H11N	Piperidine		25	11.123
C5H11NO2	5-Aminopentanoic acid	1	25	4.27
		2	25	10.766
C5H11NO2	Betaine		0	1.83
C5H11NO2	Norvaline	1	25	2.32
		2	25	9.81
C5H11NO2	<i>N</i> -Propylglycine	1	25	2.35
		2	25	10.19
C5H11NO2	Valine	1	25	2.29
		2	25	9.74

C5H11NO2S	Methionine	1	25	2.13
		2	25	9.27
C5H12N2O2	Ornithine	1	25	1.705
		2	25	8.69
		3	25	10.76
C5H13N	1-Aminno-2,2-dimethylpropane		25	10.15
C5H13N	Diethylmethylamine		25	10.35
C5H13N	3-Methyl-1-butanamine		25	10.60
C5H13N	2-Methyl 2-butanamine		19	10.85
C5H13N	3-Pentanamine		17	10.59
C5H13N	Pentylamine		25	10.63
C5H14NO	Choline		25	13.9
C5H14N2	Cadaverine	1	25	10.05
		2	25	10.93
C6H3ClN4	6-Cbloropteridine		20	3.68
C6H3N3O7	Picric acid		25	0.38
C6H4Cl2O	2,3-Dichlorophenol		25	7.44
C6H4N2O3	5-Hydroxylysine		25	2.13
C6H4N2O5	2,4-Dinitrophenol		15	3.96
C6H4N2O5	3,6-Dinitrophenol		15	5.15
C6H4N4	Pteridine		20	4.05
C6H5Br2N	3,5-Dibromoaniline		25	2.34
C6H5ClO	2-Chlorophenol		25	8.49
C6H5ClO	3-Chlorophenol		25	8.85
C6H5ClO	4-Chlorophenol		25	9.18
C6H5Cl2N	2,4-Dichloroaniline		22	2.05
C6H5NO	2-Pyridinecarboxaldehyde		20	3.80
C6H5NO2	Nitrobenzene		0	3.98
C6H5NO2	Picolinic acid	1	25	1.07
		2	25	5.25
C6H5NO2	3-Pyridinecarboxylic acid		25	4.85
C6H5NO2	4-Pyridinecarboxylic acid		25	4.96
C6H5NO3	2-Nitrophenol		25	7.17
C6H5NO3	3-Nitrophenol		25	8.28
C6H5NO3	4-Nitrophenol		25	7.15
C6H5N5O	2-Amino-4-hydroxypteridine	1	20	2.27
		2	20	7.96
C6H5N5O2	Xanthopterin	2	20	6.59
		3	20	9.31
C6H6BrN	2-Bromoaniline		25	2.53
C6H6BrN	3-Bromoaniline		25	3.58
C6H6BrN	4-Bromoaniline		25	3.86
C6H6ClN	2-Chloroaniline		25	2.65
C6H6ClN	3-Chloroaniline		25	3.46
C6H6ClN	4-Chloroaniline		25	4.15
C6H6FN	2-Fluoroaniline		25	3.20

C6H6FN	3-Fluoroaniline		25	3.50
C6H6FN	4-Fluoroaniline		25	4.65
C6H6IN	2-Iodoaniline		25	2.60
C6H6N2O	2-Pyridinecarboxaldehyde,oxime	1	20	3.59
		2	20	10.18
C6H6N2O2	2-Nitroaniline		25	-0.26
C6H6N2O2	3-Nitroaniline		25	2.466
C6H6N2O2	4-Nitroaniline		25	1.0
C6H6O	Phenol		20	9.89
C6H6O2	Hydroquinone		20	10.35
C6H6O2	Pyrocatechol		20	9.85
C6H6O2	Resorcinol		25	9.81
C6H6O3S	Benzenesulfonic acid		25	0.70
C6H6O6	<i>cis</i> -Aconitic acid		25	1.95
C6H6O6	<i>trans</i> -Aconitic acid	1	25	2.80
		2	25	4.46
C6H7N	Aniline		25	4.63
C6H7N	2-Methylpyridine		20	5.97
C6H7N	3-Methylpyridine		20	5.68
C6H7N	4-Methylpyridine		20	6.02
C6H7NO	Methoxypyridine		25	6.47
C6H7NO3S	<i>o</i> -Aminobenzenesulfonic acid		25	2.48
C6H7NO3S	<i>m</i> -Aminobenzenesulfonic acid		25	3.73
C6H7NO3S	<i>p</i> -Aminobenzenesulfonic acid		25	3.24
C6H8N2	<i>N</i> -Methylpyridinamine		20	9.65
C6H8O6	Ascorbic acid	1	24	4.10
		2	16	11.79
C6H8O7	Citric acid	1	20	3.14
		2	20	4.77
		3	20	6.39
C6H8O7	Isocitric acid	1	25	3.29
		2	25	4.71
		3	25	6.40
C6H9NO6	γ -Carboxyglutamic acid	1	25	1.7
		2	25	3.2
		3	25	4.75
		4	25	9.9
C6H9N3	4,6-Dimethylpyrimidinamine		20	4.82
C6H9N3O2	Histidine	1	25	1.80
		2	25	6.04
		3	25	9.33
C6H10O3	2-Oxo-3-methylpentanoic acid		25	2.3
C6H10O4	Adipic acid	1	25	4.43
		2	25	5.41
C6H10O4	3-Methylglutaric acid		25	4.24
C6H11NO2	<i>L</i> -Pipelicolic acid	1	25	2.28

		2	25	10.72
C6H11NO3	Adiparnic acid		25	4.63
C6H11NO4	2-Aminoadipic macid	1	25	2.14
		2	25	4.21
		3	25	9.77
C6H11N3O4	Glycylasparagine	1	25	2.942
		2	18	8.44
C6H11N3O4	<i>N</i> -(<i>N</i> -Glycylglycyl)glycine	1	25	3.225
		2	25	8.09
C6H12N2O4S2	Cystine	1	35	2.1
		2	35	8.0
C6H12O2	Hexanoic acid		25	4.85
C6H12O2	4-Methylpentanoic acid		18	4.84
C6H13N	Cyclohexylamine		24	10.66
C6H13N	1,2-Dimethylpyrrolidine		26	10.20
C6H13N	1-Methylpiperidine		25	10.08
C6H13NO2	6-Aminohexanoic acid	1	25	4.373
		2	25	10.804
C6H13NO2	Isoleucine	1	25	2.32
		2	25	9.76
C6H13NO2	<i>L</i> -Leucine	1	25	2.328
		2	25	9.744
C6H13NO2	Norleucine	1	25	2.335
		2	25	9.83
C6H13N3O3	Citrulline	1	25	2.43
		2	25	9.69
C6H14N2	<i>cis</i> -1,2-Cyclohexanediamine	1	20	9.93
		2	20	6.13
C6H14N2	<i>trans</i> -1,2-Cyclohexanediamine	1	20	9.94
		2	20	6.47
C6H14N2	2,5-Dimethylpiperazine	1	25	9.66
		2	25	5.20
C6H14N2O2	Lysine	1	25	2.16
		2	25	9.06
		3	25	10.54
C6H14N4O2	Arginine	1	25	1.82
		2	25	8.99
		3	25	12.48
C6H15N	3-Amino-3-methylpentane		16	11.01
C6H15N	Diisopropylamine		25	11.05
C6H15N	Hexylamine		25	10.56
C6H15N	Triethylamine		25	10.75
C6H16N2	Hexamethylenediamine	1	0	11.857
		2	0	10.762
C7H5BrO2	2-Bromobenzoic acid		25	2.84
C7H5BrO2	3-Bromobenzoic acid		25	3.86

C7H5ClO2	2-Chlorobenzoic acid		25	2.92
C7H5ClO2	3-Chlorobenzoic acid		25	3.82
C7H5ClO2	4-Chlorobenzoic acid		25	3.98
C7H5IO2	2-Iodobenzoic acid		25	2.85
C7H5IO2	3-Iodobenzoic acid		25	3.80
C7H5NO3S	Saccharin		18	11.68
C7H5NO4	Dinicotinic acid		25	2.80
C7H5NO4	Dipicolinic acid	1	25	2.16
		2	25	4.76
C7H5NO4	Lutidinic acid		25	2.15
C7H5NO4	2-Nitrobenzoic acid		18	2.16
C7H5NO4	3-Nitrobenzoic acid		25	3.47
C7H5NO4	4-Nitrobenzoic acid		25	3.41
C7H5NO4	Quinolinic acid	1	25	2.43
		2	25	4.78
C7H6N2	Benzimidazole		25	5.532
C7H6N4O	6-Hydroxy-4-methylpteridine	1	20	4.08
		2	20	6.41
C7H6O2	Benzoic acid		25	4.19
C7H6O3	<i>o</i> -Hydroxy-4-methylpteridine	1	19	2.97
		2	18	13.40
C7H6O3	<i>m</i> -Hydroxybenzoic acid	1	19	4.06
		2	19	9.92
C7H6O3	<i>p</i> -Hydroxybenzoic acid	1	19	4.48
		2	19	9.32
C7H6O4	2,5-Dihydroxybenzoic acid	1	25	2.97
C7H6O4	3,4-Dihydroxybenzoic acid	1	25	4.48
		2	25	8.83
		3	25	12.6
C7H6O4	3,5-Dihydroxybenzoic acid	1	25	4.04
C7H6O4	Dihydroxymalic acid		25	1.92
C7H6O5	Gallic acid		25	4.41
C7H6O5	2,4,6-Trihydroxybenzoic acid		25	1.68
C7H7NO2	2-Aminobenzoic acid	1	25	2.108
		2	25	4.946
C7H7NO2	3-Aminobenzoic acid	2	25	4.78
C7H7NO2	4-Aminobenzoic acid	1	25	2.501
		2	25	4.874
C7H8N4O2	Theobromine		18	7.89
C7H8O	<i>o</i> -Cresol		25	10.20
C7H8O	<i>m</i> -Cresol		25	10.01
C7H8O	<i>p</i> -Cresol		25	10.17
C7H9N	Benzylamine		25	9.33
C7H9N	2,3-Dimethylpyridine		25	6.57
C7H9N	2,4-Dimethylpyridine		25	6.99
C7H9N	2,5-Dimethylpyridine		25	6.40

C7H9N	2,6-Dimethylpyridine		25	6.65
C7H9N	3,4-Dimethylpyridine		25	6.46
C7H9N	3,5-Dimethylpyridine		25	6.15
C7H9N	2-Ethylpyridine		25	5.89
C7H9N	<i>N</i> -Methylaniline		25	4.84
C7H9N	<i>o</i> -Methylaniline		25	4.44
C7H9N	<i>m</i> -Methylaniline		25	4.73
C7H9N	<i>p</i> -Methylaniline		25	5.08
C7H9NO	<i>o</i> -Anisidine		25	4.52
C7H9NO	<i>m</i> -Anisidine		25	4.23
C7H9NO	<i>p</i> -Anisidine		25	5.34
C7H9NS	4-Methylthioaniline		25	4.35
C7H9N5	2-Dimethylaminopurine	1	20	4.00
		2	20	10.24
C7H11N3O2	<i>l</i> -1-Methylhistidine	1	25	1.69
		2	25	6.48
		3	25	8.85
C7H11N3O2	<i>l</i> -3-Methylhistidine	1	25	1.92
		2	25	6.56
		3	25	8.73
C7H12O2	Cyclohexanecarboxylic acid		25	4.90
C7H12O4	Heptanedioic acid	1	25	4.71
		2	25	5.58
C7H13NO	3-Acetylpiperidine		25	3.18
C7H13NO4	α -Ethylglutamic acid	1	25	3.846
		2	25	7.838
C7H14O2	Heptanoic acid		25	4.89
C7H15N	1,2-Dimethylpiperidine		25	10.22
C7H15N	1-Ethylpiperidine		23	10.45
C7H15NO3	Carnitine		25	3.80
C7H17N	2-Heptanamine		19	10.7
C7H17N	Heptylamine		25	10.67
C8H6N2	Cinnoline		20	2.37
C8H6N2	Quinazoline		20	3.43
C8H6N2	Quinoxaline		20	0.56
C8H6N2O	5-Hydroxyquinazoline	1	20	3.62
		2	20	7.41
C8H6O4	<i>o</i> -Phthalic acid	1	25	2.89
		2	25	5.51
C8H6O4	<i>m</i> -Phthalic acid	1	25	3.54
		2	18	4.60
C8H6O4	<i>p</i> -Phthalic acid	1	25	3.51
		2	16	4.82
C8H6O4	Terephthalic acid		25	3.51
C8H7ClO2	2-Chlorophenylacetic acid		25	4.07
C8H7ClO2	3-Chlorophenylacetic acid		25	4.14

C8H7ClO2	4-Chlorophenylacetic acid		25	4.19
C8H7ClO3	2-Chlorophenoxyacetic acid		25	3.05
C8H7ClO3	3-Chlorophenoxyacetic acid		25	3.10
C8H7NO4	2-Nitrophenylacetic acid		25	4.00
C8H7NO4	3-Nitrophenylacetic acid		25	3.97
C8H7NO4	4-Nitrophenylacetic acid		25	3.85
C8H8N2	2-Methylbenzimidazole		25	6.19
C8H8O2	Phenylacetic acid		18	4.28
C8H8O2	<i>o</i> -Toluic acid		25	3.91
C8H8O2	<i>m</i> -Toluic acid		25	4.27
C8H8O2	<i>p</i> -Toluic acid		25	4.36
C8H8O3	<i>DL</i> -Mandelic acid		25	3.85
C8H8O4	Homogentisic acid		25	4.40
C8H9NO2	2-(Methylamino)benzoic acid		25	5.34
C8H9NO2	3-(Methylamino)benzoic acid		25	5.10
C8H9NO2	4-(Methylamino)benzoic acid		25	5.04
C8H9NO2	Phenylglycine	1	25	1.83
		2	25	4.39
C8H10BrN	4-Bromo- <i>N,N</i> -dimethylaniline		25	4.23
C8H10ClN	3-Chloro- <i>N,N</i> -dimethylaniline		20	3.83
C8H10ClN	4-Chloro- <i>N,N</i> -dimethylaniline		20	4.39
C8H10N2O2	<i>N,N</i> -Dimethyl-3-nitroaniline		25	2.62
C8H11N	<i>N,N</i> -Dimethylaniline		25	5.15
C8H11N	<i>N</i> -Ethylaniline		24	5.12
C8H11N	Phenylethylamine		25	9.84
C8H11N	2,4,6-Trimethylpyridine		25	7.43
C8H11NO	<i>o</i> -Phenetidine		28	4.43
C8H11NO	<i>m</i> -Phenetidine		25	4.18
C8H11NO	<i>p</i> -Phenetidine		28	5.20
C8H11NO	Tyramine	1	25	9.74
		2	25	10.52
C8H11NO2	Dopamine	1	25	8.9
		2	25	10.6
C8H11NO3	Noradrenaline	1	25	8.64
		2	25	9.70
C8H12N2O3	Veronal		25	7.43
C8H14O4	Octanedioic acid		25	4.52
C8H16N2O3	<i>N</i> -Glycylleucine		25	3.18
C8H16N2O3	<i>N</i> -Leucylglycine	1	25	3.25
		2	25	8.2
C8H16N2O4S2	Homocystine	1	25	1.59
		2	25	2.54
		3	25	8.52
		4	25	9.44
C8H16O2	Octanoic acid		25	4.89
C8H17N	2,2,4-Trimethylpiperidine		30	11.04
C8H19N	Dibutylamine		21	11.25

C8H19N	<i>N</i> -Methyl-2-heptanamine		17	10.99
C8H19N	Octylamine		25	10.65
C9H6BrN	3-Bromoquinoline		25	2.69
C9H7ClO2	<i>o</i> -Chlorocinnamic acid		25	4.23
C9H7ClO2	<i>m</i> -Chlorocinnamic acid		25	4.29
C9H7ClO2	<i>p</i> -Chlorocinnamic acid		25	4.41
C9H7N	Isoquinoline		20	5.42
C9H7N	Quinoline		20	4.90
C9H7NO	7-Isoquinolinol	1	20	5.68
		2	20	8.90
C9H7NO	3-Quinolinol	1	20	4.28
		2	20	8.08
C9H7NO	8-Quinolinol	1	20	5.017
		2	25	9.812
C9H7NO3	<i>o</i> -Cyanophenoxyacetic acid		25	2.98
C9H7NO3	<i>m</i> -Cyanophenoxyacetic acid		25	3.03
C9H7NO3	<i>p</i> -Cyanophenoxyacetic acid		25	2.93
C9H8N2	1-Isoquinolinamine		20	7.59
C9H8N2	3-Quinolinamine		20	4.91
C9H8O2	<i>cis</i> -Cinnamic acid		25	3.89
C9H8O2	<i>trans</i> -Cinnamic acid		25	4.44
C9H9ClO2	3-(2-Chlorophenyl)propanoic acid		25	4.58
C9H9ClO2	3-(3-Chlorophenyl)propanoic acid		25	4.59
C9H9ClO2	3-(4-Chlorophenyl)propanoic acid		25	4.61
C9H9I2NO3	3,5-Diiodotyrosine	1	25	2.12
		2	25	5.32
		3	25	9.48
C9H9NO3	Hippuric acid		25	3.62
C9H9NO4	3-(2-Nitrophenyl)propanoic acid		25	4.50
C9H9NO4	3-(4-Nitrophenyl)propanoic acid		25	4.47
C9H10INO3	3-Iodotyrosine	1	25	2.2
		2	25	8.7
		3	25	9.1
C9H10N2	2-Ethylbenzimidazole		25	6.18
C9H10O2	Mesitylenic acid		25	4.32
C9H10O2	α -Phenylpropanoic acid		25	4.64
C9H10O2	β -Phenylpropanoic acid		25	4.37
C9H11N	<i>N</i> -Allylaniline		25	4.17
C9H11N	1-Aminoindane		22	9.21
C9H11NO2	Phenylalanine	1	25	2.20
		2	25	9.31
C9H11NO3	Tyrosine	1	25	2.20
		2	25	9.21
		3	25	10.46

C9H11NO4	<i>L</i> -3,4-Dihydroxyphenylalanine	1	25	2.32
		2	25	8.72
		3	25	9.96
		4	25	11.79
C9H12N2O2	Tyrosineamide		25	7.33
C9H13NO3	<i>D</i> -Adrenaline	1	25	8.66
		2	25	9.95
C9H14N4O3	<i>N</i> - β -Alanylhistidine	1	20	2.73
		2	20	6.87
		3	20	9.73
C9H14N4O3	<i>L</i> -Carnosine	1	25	2.62
		2	25	6.66
		3	25	9.24
C9H18O2	Nonanic acid		25	4.96
C9H19N	1-Butylpiperidine		23	10.47
C9H19N	2,2,6,6-Tetramethylpiperidine		25	11.07
C9H21N	Nonylamine		25	10.64
C10H7NO2	8-Quinolinecarboxylic acid		25	1.82
C10H8O	1-Naphthol		25	9.34
C10H8O	2-Naphthol		25	9.51
C10H9N	2-Methylquinoline		20	5.83
C10H9N	4-Methylquinoline		20	5.67
C10H9N	5-Methylquinoline		20	5.20
C10H9N	α -Naphthylamine		25	3.92
C10H9N	β -Naphthylamine		25	4.16
C10H9NO	1-Amino-6-hydroxynaphthalene		25	3.97
C10H9NO	6-Methoxyquinoline		20	5.03
C10H10O2	<i>o</i> -Methylcinnamic acid		25	4.50
C10H10O2	<i>m</i> -Methylcinnamic acid		25	4.44
C10H10O2	<i>p</i> -Methylcinnamic acid		25	4.56
C10H12N2	Tryptamine		25	10.2
C10H12N2O	5-Hydroxytryptamine	1	25	9.8
		2	25	11.1
C10H12O2	4-Phenylbutanoic acid		25	4.76
C10H12O3	2-(<i>m</i> -Anisyl)propanoic acid		25	4.65
C10H12O3	2-(<i>p</i> -Anisyl)propanoic acid		25	4.69
C10H12O3	2-(<i>o</i> -Anisyl)propanoic acid		25	4.80
C10H14N2	Nicotine	1	25	8.02
		2	25	3.12
C10H15N	<i>N,N</i> -Diethylaniline		22	6.61
C10H15NO	δ -Ephedrine		10	10.139
C10H15NO	<i>l</i> -Ephedrine		10	9.958
C10H17N3O6S	<i>l</i> -Glutathione	1	25	2.12
		2	25	3.59
		3	25	8.75
		4	25	9.65

C10H17N5O6	Tetraglycylglycine	1	20	3.10
		2	20	8.02
C10H18N4O5	<i>L</i> -Argininosuccinic acid	1	25	1.62
		2	25	2.70
		3	25	4.26
		4	25	9.58
C10H19N	Bornylamine		25	10.17
C10H19N	Neobornylamine		25	10.01
C10H21N	Butylcyclohexylamine		25	11.23
C10H23N	Decylamine		25	10.64
C11H8N2	Perimidine		20	6.35
C11H8O2	1-Naphthoic acid		25	3.70
C11H8O2	2-Naphthoic acid		25	4.17
C11H11N	Methyl-1-naphthylamine		27	3.67
C11H12N2O2	Tryptophan	1	25	2.46
		2	25	9.41
C11H16N2O2	Pilocarpine		30	6.87
C11H25N	Undecylamine		25	10.63
C12H8N2	1,10-Phenanthroline		25	4.84
C12H11N	2-Aminobiphenyl		22	3.82
C12H11N	2-Benzylpyridine		25	5.13
C12H11N	Diphenylamine		25	0.79
C12H11N3	4-Aminoazobenzene		25	2.82
C12H12N2	<i>p</i> -Benzidine	1	30	4.66
		2	30	3.57
C12H13N	<i>N,N</i> -Dimethyl-1-naphthylamine		25	4.83
C12H13N	<i>N,N</i> -Dimethyl-2-naphthylamine		25	4.566
C12H27N	Dodecylamine		25	10.63
C13H9N	Acridine		20	5.58
C13H9N	Phenanthridine		20	5.58
C13H10N2	2-Phenylbenzimidazole	1	25	5.23
		2	25	11.91
C13H10O2	2-Phenylbenzoic acid		25	3.46
C13H12N2O	4-(<i>p</i> -Aminobenzoyl)aniline	1	25	2.93
C13H13N	4-Benzylaniline		25	2.17
C13H29N	Tridecylamine		25	10.63
C14H12O2	Diphenylacetic acid		25	3.94
C14H15N3	4-Dimethylaminoazobenzene		25	3.226
C14H31N	Tetradecylamine		25	10.62
C15H11I4NO4	<i>L</i> -Thyroxine	1	25	2.2
		2	25	6.45
		3	25	10.1
C15H33N	Pentadecylamine		25	10.61
C16H35N	Hexadecylamine		25	10.63
C17H19NO3	Morphine		25	8.21
C18H21NO3	Codeine		25	8.21

C18H39N	Octadecylamine		25	10.60
C20H21NO4	Papaverine		25	6.40
C20H24N2O2	Quinine	1	25	8.52
		2	25	4.13
C21H22N2O2	Strychnine		25	8.26
C23H26N2O4	Brucine	1	25	8.28

References

1. Perrin, D. D., *Dissociation Constants of Organic Bases in Aqueous Solution*, Butterworths, London, 1965; Supplement, 1972.
2. Serjeant, E. P., and Dempsey, B., *Ionization Constants of Organic Acids in Aqueous Solution*, Pergamon, Oxford, 1979.
3. Albert, A., "Ionization Constants of Heterocyclic Substances", in *Physical Methods in Heterocyclic Chemistry*, Katritzky, A. R., Ed., Academic Press, New York, 1963.
4. Sober, H. A., Ed., *CRC Handbook of Biochemistry*, CRC Press, Cleveland, Ohio, 1968.
5. Perrin, D. D., Dempsey, B., and Serjeant, E. P., *pK_a Prediction for Organic Acids and Bases*, Chapman & Hall, London, 1981.
6. Dawson, R. M. C., Elliot, D. C., Elliot, W. H., and Jones, K. M., *Data for Biochemical Research*, Oxford Science Publications, Oxford, 1986.